Extended Ethernet

SMC7024/VSP

TigerAccess™ Extended Ethernet Splitter

OVERVIEW

SMC's Extended Ethernet (EE) network solution provides an alternative cost-effective solution for network/Internet access to multi-unit buildings, or enterprise environments such as hospitals, universities, and manufacturing facilities. Using existing Category 1, 2, or 3 wiring, SMC's Extended Ethernet technology is able to deliver up to 15Mbps of broadband connection for distance up to 5,000 feet. SMC's EE solution minimize the hassles involved in rewiring by delivering both voice and data access on the same line as Plain Old Telephone Service (POTS). It is also compatible with ADSL (asymmetric digital subscriber line). SMC's EE solution is the best choice for service providers to supply broadband access with minimal changes to existing wiring infrastructure.

The TigerAccess Extended Ethernet Solution includes TigerAccess EE Switch, TigerAccess EE CPE, and TigerAccess EE Splitter.

TigerAccess EE Splitter

SMC's TigerAccess EE Splitter is for Extended Ethernet solution deployment that involves on-site PBX system. To ensure that POTS service is never affected by TigerAccess EE Switch's down time or reconfiguration, the TigerAccess EE Splitter enables the co-existence of EE and POTS on the same copper telephone line. The TigerAccess EE Splitter has three RJ-21 ports: one to connect between the EE Splitter and EE Switch, one to connect between the EE Splitter with a PBX, and one to connect to a patch panel.

FEATURES

- Easy to deploy: simple PBX configuration and it is ready to use
- No power feed required
- Facilitates the co-existence of POTS and EE traffic over single pair wiring

SMC Networks

TECHNICAL SPECIFICATIONS

SMC7024/VSP

PORTS
- 3 RJ-21 connectors; one-pair category 1, 2, or 3 UTP cabling
  - 1 RJ-21 to the patch panel
  - 1 RJ-21 to the Extended Ethernet Switch
  - 1 RJ-21 to the PBX

EXTENDED ETHERNET SPECIFICATION
- VDSL Standards
  - Supports evolving ETSI, ANSI and ITU standards
- Modulation
  - 4 to 256 QAM Frequency Division Duplexing

SPEED/DISTANCE
- Up to 15 Mbps symmetrical transmission rate at 3500 ft/ 1000m distance
- Up to 10 Mbps symmetrical transmission rate at 4000 ft/ 1200m distance
- Up to 5 Mbps symmetrical transmission rate at 5000 ft/ 1500m distance

TEMPERATURE
- Operating: 32°F - 122°F / 0°C - 50°C
- Storage: -40°C - 158°F / -40°C - 70°C

HUMIDITY
- Operation: 5% - 95%

HEAT DISSIPATION
- 123 BTU/hr

WEIGHT
- 6.0Lb
- 2.7 Kg

DIMENSIONS
- 1.7 x 17.3 x 13.9 in
- 44 x 440 x 352 mm

COMPLIANCES
- CE Mark

EMISSIONS
- FCC Class A
- Industry Canada Class A
- EN55022 (CISPR22) Class A
- EN55024 (1998)
- EN61000-4-2/3/4/5/6/8/11
- EN60555-2 Class A
- EN60555-3
- VCCI Class A
- C-Tick - AS/NZS 3548 (1995)
- Class A Immunity
- IEC1000-4-2/3/4/6

SAFETY
- UL
- CSA/NRTL (CSA 22.2.950 & UL1950)
- EN60950 (TUV/ GS)

WARRANTY
- Limited Lifetime

Contact

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